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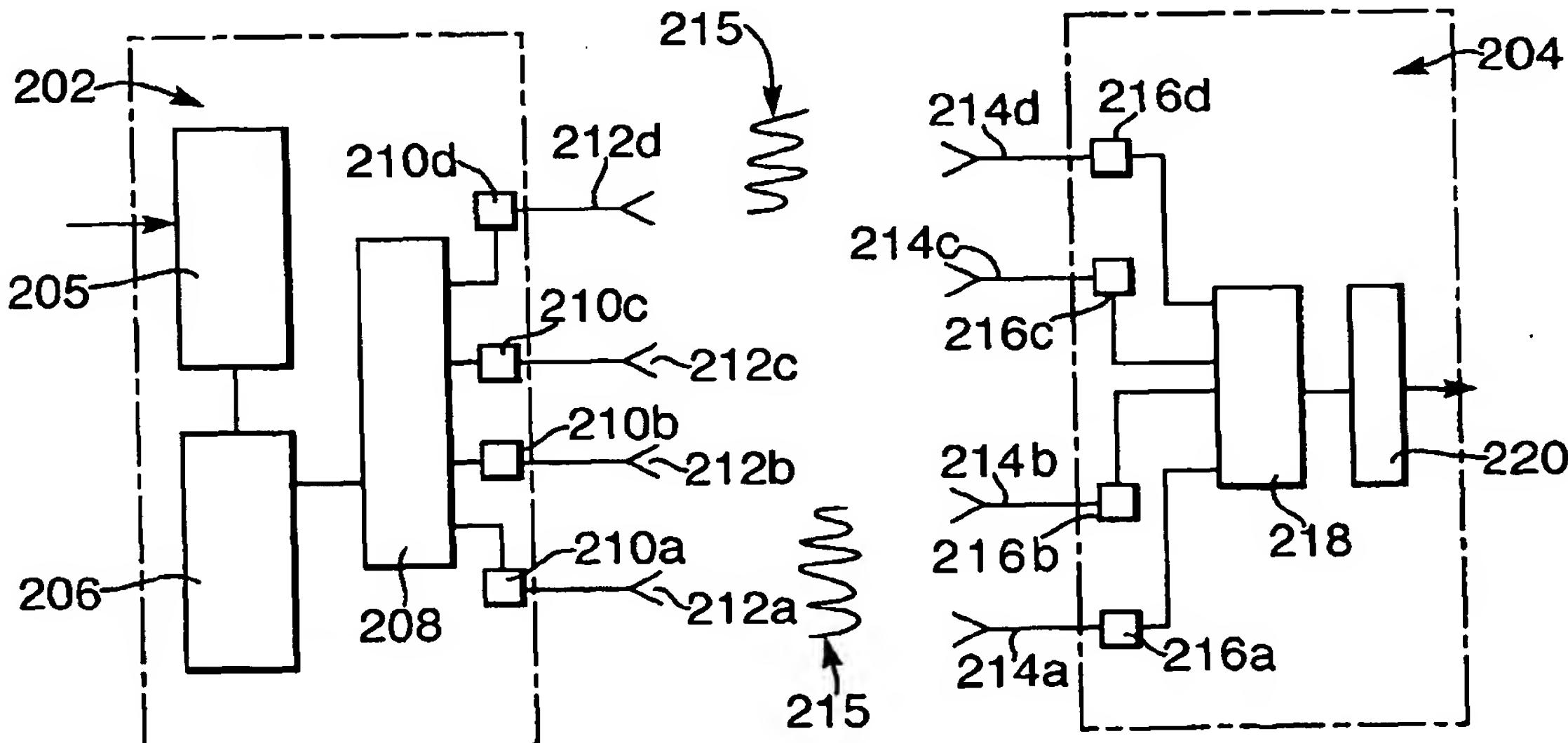
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(54) Title: SIGNAL PROCESSING APPARATUS AND METHOD



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(57) Abstract: A signal processing apparatus (200) comprises a plurality of receive antennas (216a-m) arranged to receive a composite signal containing a plurality of transmitted symbols. A joint detector-decoder (218) iteratively enumerates most probable symbols received at the receive antennas (216am) using an enumeration constraint. A processor (220) determines a bit stream corresponding to each most probable received symbol. A method of signal processing for MIMO systems is also disclosed.



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